

Amendments to the Claims

Please amend the claims in accordance with the following listing:

1. (Original) A method of verifying compatibility of components in a computer system, comprising:
reading, from at least one CPU register, a CPU maximum power value indicating the maximum power the CPU is rated to consume during operation;
determining a host maximum power value indicating the maximum power the computer system is rated to supply; and
if the CPU maximum power value exceeds the host maximum power value, invoking a first error handler.
2. (Original) The method of claim 1, further comprising:
reading, from at least one CPU register, a CPU maximum temperature value indicating the maximum temperature at which the CPU is rated to operate;
determining a host minimum temperature value indicating the minimum CPU temperature the host is rated to maintain; and
if the host minimum temperature value exceeds the CPU maximum temperature value, invoking a second error handler.
3. (Original) The method of claim 2, wherein:
the first and second error handlers are the same error handler.
4. (Original) The method of claim 2, wherein:
the CPU maximum power value and the CPU maximum temperature value are read from the same CPU register.

5. (Original) The method of claim 1, wherein:
determining the host maximum power value comprises identifying a motherboard and a chassis of the computer system.
6. (Original) The method of claim 5, wherein:
identifying the motherboard comprises determining voltage regulation characteristics of the motherboard.
7. (Original) The method of claim 5, wherein:
identifying the motherboard comprises reading a register on the motherboard.
8. (Original) The method of claim 5, wherein:
identifying the chassis comprises determining power supply and cooling characteristics of the chassis.
9. (Original) The method of claim 5, wherein:
identifying the chassis comprises reading hardwired pins of a chassis connector.
10. (Original) The method of claim 2, wherein:
the host minimum temperature value is determined responsive to cooling characteristics of a chassis of the computer system and to the maximum CPU power value.
11. (Original) The method of claim 1, wherein:
the first error handler causes an error message to be displayed.

12. (Original) The method of claim 1, wherein:
the first error handler causes the computer system to be powered down.
13. (Currently amended) A machine-readable storage ~~or transmission~~ medium containing code that, when executed on a computer system, causes the computer system to perform a method of verifying compatibility of its components, the method comprising:
reading, from at least one CPU register, a CPU maximum power value indicating the maximum power the CPU is rated to consume during operation;
determining a host maximum power value indicating the maximum power the computer system is rated to supply; and
if the CPU maximum power value exceeds the host maximum power value, invoking a first error handler.
14. (Currently amended) The storage ~~or transmission~~ medium of claim 13, wherein the method further comprises:
reading, from at least one CPU register, a CPU maximum temperature value indicating the maximum temperature at which the CPU is rated to operate;
determining a host minimum temperature value indicating the minimum CPU temperature the host is rated to maintain; and
if the host minimum temperature value exceeds the CPU maximum temperature value, invoking a second error handler.
15. (Currently amended) The storage ~~or transmission~~ medium of claim 14, wherein:
the first and second error handlers are the same error handler.

16. (Currently amended) The storage ~~or transmission~~ medium of claim 14, wherein: the CPU maximum power value and the CPU maximum temperature value are read from the same CPU register.
17. (Currently amended) The storage ~~or transmission~~ medium of claim 13, wherein: determining the host maximum power value comprises identifying a motherboard and a chassis of the computer system.
18. (Currently amended) The storage ~~or transmission~~ medium of claim 17, wherein: identifying the motherboard comprises determining voltage regulation characteristics of the motherboard.
19. (Currently amended) The storage ~~or transmission~~ medium of claim 17, wherein: identifying the motherboard comprises reading a register on the motherboard.
20. (Currently amended) The storage ~~or transmission~~ medium of claim 17, wherein: identifying the chassis comprises determining power supply and cooling characteristics of the chassis.
21. (Currently amended) The storage ~~or transmission~~ medium of claim 17, wherein: identifying the chassis comprises reading hardwired pins of a chassis connector.
22. (Currently amended) The storage ~~or transmission~~ medium of claim 14, wherein: the host minimum temperature value is determined responsive to cooling characteristics of a chassis of the computer system and to the maximum CPU power value.

23. (Currently amended) The storage ~~or transmission~~ medium of claim 13, wherein:
the first error handler causes an error message to be displayed.

24. (Currently amended) The storage ~~or transmission~~ medium of claim 13, wherein:
the first error handler causes the computer system to be powered down.